

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. APPLN. NO. 10/623,865

Please delete the present Abstract of the Disclosure, and insert the following new

Abstract of the Disclosure

BET 03P0746

TECHNOFAN

Interface for supplying power to a load from an electrical power supply network

ABSTRACT OF THE TECHNICAL CONTENT OF THE INVENTION

ABSTRACT OF THE DISCLOSURE

The power supply interface (10) includes a rectification stage (18)-(18), having an autotransformer (40) connected to the a power supply network (12)-(12), and a signal conditioning stage (20) having an output (28) supplying power to the a load (14). The conditioning stage (20) includes a power module (22)-(22), for conditioning the power supply signal, and a control module (24) designed to control the power module (22). The An autotransformer (40) includes at least one additional winding (62A, 62B, 62C; 64A, 64B, 64C) connected to the control module (24) to supply it with electrical power, the or each additional winding being magnetically coupled to at least one primary winding (44A, 44B, 44C) of the autotransformer (40). An application is that ef supplying The power is supplied to a motor in an airplane.

One figure.